Project Title	Funding	Strategic Plan Objective	Institution
Baby Siblings Research Consortium	$45,000	Q1.S.B	Autism Speaks (AS)
RNA expression studies in autism spectrum disorders	$500,000	Q1.L.A	Boston Children's Hospital
Signatures of gene expression in autism spectrum disorders	$0	Q1.L.A	Boston Children's Hospital
Electrophysiological, metabolic and behavioral markers of infants at risk	$395,734	Q1.L.A	Boston Children's Hospital
Neurophysiological investigation of language acquisition in infants at risk for ASD	$28,000	Q1.L.A	Boston University
Neurobehavioral research on infants at risk for SLI and autism	$671,693	Q1.L.A	Boston University
Neurobehavioral research on infants at risk for SLI and autism (supplement)	$345,307	Q1.L.A	Boston University
Novel methods for testing language comprehension in children with ASD	$127,500	Q1.S.B	Boston University
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Social and statistical mechanisms of prelinguistic vocal development	$0	Q1.Other	Cornell University
Dynamics of cortical interactions in autism spectrum disorders	$60,000	Q1.L.A	Cornell University
Perception of social and physical contingencies in infants with ASD	$319,523	Q1.L.B	Emory University
The ontogeny of social visual engagement in infants at risk for autism	$479,226	Q1.L.A	Emory University
Physical and clinical infrastructure for research on infants at risk for autism	$0	Q1.L.A	Emory University
Growth charts of altered social engagement in infants with autism	$0	Q1.L.A	Emory University
Intersensory perception of social events: Typical and atypical development	$134,355	Q1.L.C	Florida International University
The development of joint attention after infancy	$291,832	Q1.L.C	Georgia State University
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$15,000	Q1.L.A	Harvard University
Biomarkers and diagnostics for ASD	$149,600	Q1.S.A	Institute of Biotechnology
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
Identification of lipid biomarkers for autism	$0	Q1.L.A	Massachusetts General Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Translational developmental neuroscience of autism	$164,718	Q1.L.B	New York University School of Medicine
Prosodic and pragmatic processes in highly verbal children with autism	$112,500	Q1.L.C	President & Fellows of Harvard College
Placental vascular tree as biomarker of autism/ASD risk	$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Visual processing and later cognitive effects in infants with fragile X syndrome	$237,070	Q1.Other	University of California, Davis
Epigenetic biomarkers of autism in human placenta	$576,142	Q1.L.A	University of California, Davis
Cellular structure of the amygdala in autism	$51,326	Q1.L.B	University of California, Davis
Analyses of brain structure and connectivity in young children with autism	$249,000	Q1.L.B	University of California, Davis
Infants at risk of autism: A longitudinal study	$582,633	Q1.L.A	University of California, Davis
ACE Center: The development of the siblings of children with autism: A longitudinal study	$309,408	Q1.L.B	University of California, Los Angeles
ACE Center: MRI studies of early brain development in autism	$349,341	Q1.L.A	University of California, San Diego
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	$302,820	Q1.L.A	University of California, San Diego
Development of neural pathways in infants at risk for autism spectrum disorders	$312,028	Q1.L.A	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of California, San Diego
ACE Center: Integrated Biostatistical and Bionformatic Analysis Core (IBBAC)	$205,018	Q1.L.A	University of California, San Diego
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	$272,245	Q1.L.A	University of California, San Diego
ACE Center: Clinical Phenotype: Recruitment and Assesment Core	$310,430	Q1.L.A	University of California, San Diego
Magnetic source imaging and sensory behavioral characterization in autism	$176,229	Q1.L.B	University of California, San Francisco
Visual attention and fine motor coordination in infants at risk for autism	$73,315	Q1.L.A	University of Connecticut
The emergence of emotion regulation in children at-risk for autism spectrum disor	$8,719	Q1.L.A	University of Miami
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of Miami
Atypical pupillary light reflex in individuals with autism	$0	Q1.Other	University of Missouri
ACE Network: A longitudinal MRI study of infants at risk for autism	$3,246,479	Q1.L.A	University of North Carolina at Chapel Hill
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$180,000	Q1.L.A	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Early social and emotional development in toddlers at genetic risk for autism	$369,348	Q1.L.A	University of Pittsburgh
Early identification of autism: A prospective study	$481,734	Q1.L.A	University of Pittsburgh
Sensor-based technology in the study of motor skills in infants at risk for ASD	$242,606	Q1.L.A	University of Pittsburgh
Temporal coordination of social communicative behaviors in infant siblings of children with autism	$0	Q1.L.A	University of Pittsburgh
Predicting autism through behavioral and biomarkers of attention in infants	$35,518	Q1.L.A	University of South Carolina
Serum antibody biomarkers for ASD	$570,780	Q1.L.A	University of Texas Southwestern Medical Center
ACE Center: Early detection and intervention in infants at risk for autism	$614,004	Q1.L.B	University of Washington
Social-emotional development of infants at risk for autism spectrum	$598,969	Q1.L.B	University of Washington
ACE Center: Linguistic and social responses to speech in infants at risk for autism	$301,655	Q1.L.A	University of Washington
Developmental characteristics of MRI diffusion tensor pathway changes in autism	$188,027	Q1.L.A	Washington University in St. Louis
Misregulation of BDNF in autism spectrum disorders	$0	Q1.L.A	Weill Cornell Medical College
Biomarkers for autism and for gastrointestinal and sleep problems in autism	$0	Q1.L.A	Yale University
Development of face processing in infants with autism spectrum disorders	$409,613	Q1.L.B	Yale University
ACE Center: Gaze perception abnormalities in infants with ASD	$293,130	Q1.L.A	Yale University
Extraction of functional subnetworks in autism using multimodal MRI	$353,349	Q1.L.B	Yale University
Connectivity in social brain systems in autism	$197,366	Q1.Other	Yale University
Developmental social neuroscience in infants at-risk for autism	$182,092	Q1.L.C	Yale University
ACE Center: Eye-tracking studies of social engagement	$293,269	Q1.L.B	Yale University
Brain-behavior growth charts of altered social engagement in ASD infants	$208,333	Q1.L.A	Yale University
ACE Center: Auditory mechanisms of social engagement	$263,206	Q1.Other	Yale University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	$219,581	Q1.L.A	Yale University
The development of selective attention in infancy as measured by eye movements	$53,376	Q1.Other	York University